

**Abstract**

The invention relates to a fermentation process for the preparation of L-amino acids, especially L-threonine, in which the following steps are carried out:

- 5    a) fermentation of the microorganisms of the family Enterobacteriaceae producing the desired L-amino acid, in which microorganisms at least the pckA gene and/or the open reading frames yjfa and ytfP are, individually or jointly, attenuated and, in particular, switched off,
- 10    b) enrichment of the L-amino acid in the medium or in the bacterial cells, and
- c) isolation of the L-amino acid.